

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (original) High strength hot rolled steel sheet excellent in burring, elongation, and ability of phosphate coating characterized by being a steel composition containing, by mass%, C: 0.02 to 0.08%, Si: 0.50% or less, Mn: 0.50 to 3.50%, P: 0.03% or less, S: 0.01% or less, Al: 0.15 to 2.0%, and the balance of iron and unavoidable impurities, satisfying the following formula, having a microstructure of said steel sheet having a ratio of ferrite of a grain size of 2 μm or more of at least 40%, and having a tensile strength of at least 590 N/mm²:

$$\text{Mn} + 0.5 \times \text{Al} < 4 \quad (1)$$

2. (original) High strength hot rolled steel sheet excellent in burring, elongation, and ability of phosphate coating characterized by having a tensile strength of at least 590 N/mm² as set forth in claim 1, further containing, by mass%, one or two or more of Ti: 0.003% to 0.20%, Nb: 0.003% to 0.04%, V: 0.003% to 0.20%, Ca: 0.0005 to 0.01%, Zr: 0.0005 to 0.01%, a REM: 0.0005 to 0.05%, and Mg: 0.0005 to 0.01%.

3. (original) High strength hot rolled steel sheet excellent in burring, elongation, and ability of phosphate coating characterized by having a tensile strength of at least 590 N/mm² as set forth in claim 1 or 2, characterized by satisfying $0.3 \times \text{Al} + \text{Si} - 2 \times \text{Mn} \geq -4 \dots (2)$ and having a microstructure of a grain size 2 μm or more ferrite and martensite two-phase structure.

4. (original) High strength, hot rolled steel sheet excellent in burring, elongation and ability of phosphate coating characterized by having a tensile strength of at least 590 N/mm² as set forth in claim 1 or 2, characterized

by having a microstructure of a grain size 2 μm or more ferrite and bainite two-phase structure.

5. (currently amended) A method of production of high strength hot rolled steel sheet excellent in burring, elongation, and ability of phosphate coating characterized by having a tensile strength of 590 N/mm² or more characterized by ending hot rolling of a slab comprised of a steel composition as set forth in ~~any one of claims 1 to 3~~ claim 1 or 2 at a rolling end temperature of the Ar₃ point or more, then cooling it by a cooling rate of 20°C/sec or more until 650°C to 750°C, then air cooling it for 2 to 15 seconds, further cooling it, then coiling it at a temperature of less than 300°C.

6. (currently amended) A method of production of high strength hot rolled steel sheet excellent in burring, elongation, and ability of phosphate coating characterized by having a tensile strength of 590 N/mm² or more, characterized by ending hot rolling of a slab comprised of a steel composition as set forth in ~~any one of claims 1, 2, and 4~~ claim 1 or 2 at a rolling end temperature of the Ar₃ point or more, then cooling it by a cooling rate of 20°C/sec or more to 650 to 800°C, then air cooling it for 2 to 15 seconds, then further cooling it by a cooling rate of 20°C/sec or more to 350 to 600°C and coiling it.